

**GUIDE SPECIFICATIONS
STORAGE SERVER COMPUTER SYSTEM
8-10-2009**

- STORAGE SERVER WITH 16TB STORAGE
- GENERAL SPECIFICATIONS
 - SIXTEEN 1 TB HOT SWAPPABLE SATA HARD DRIVES, 7200 RPM
 - RAID CONTROLLER
 - TWO CPUS, EACH A LOW POWER DUAL-CORE, ≥ 2.33 GHz
 - 32 GB DDR2 800 MHZ ECC MEMORY, FULLY BUFFERED
 - 80 GB 7200 RPM SATA HARD DRIVE FOR OS
 - HEAT MANAGMENT AS NEEDED
 - POWER SUPPLY AT 200 V, L6-30 CONNECTORS
 - GIGABIT ETHERNET NETWORK CONNECTIVITY
 - DVD-ROM DRIVE
 - 3U ENCLOSURE
 - LINUX OS INSTALLED BY CUSTOMER ON-SITE
 - ASSEMBLY, TESTING, RAID SET-UP, BURN-IN
 - 3 YEAR PARTS CROSS SHIP WARRANTY

4200285840

STATEMENT OF WORK FORMAT

16 TB STORAGE SERVER COMPUTER SYSTEM

8/10/09

PR: _____

Note: Only use the sections that are applicable to your procurement.

Background

- The present statement of work is for the requisition of a high-reliability data storage server intended for the storage of high-volume scientific data sets. The attached specifications detail the intended design of the desired system. The hardware specifications are intended as a guide and the vendor is invited to make small modifications to the design listed in order to optimize the configuration for the intended use described here and in the specifications, as long as the system remains within reasonable cost (meaning the final cost does not substantially exceed the cost of the system outlined in the guide specifications).

Objectives

- The system will be driven by a “brain” composed of a pair of dual-core processors, system drive for the OS, system memory, and a raid controller. This system will exchange data with a high-performance blade processing server via Gigabit Ethernet network connection. The system must be highly reliable and high-performance. While the main function of this system will be storage of data, the processor and memory resources must be adequate for limited but responsive execution of software on the system for data analysis and data processing. The specifications attached give more detail on the expected characteristics of system components.

Scope

- Vendor shall provide a design of the Storage Server using components that meet the requirements listed in the specifications, as well as other components as needed, but not specified. Upon approval of design, the system shall be assembled, shall undergo burn-in, and shall be tested at the vendor site. The system shall be delivered to the specified government site and telephone support shall be available for initial set up of the system. Warranty and 3 year cross-ship parts support shall be provided.

Tasks or Requirements

- N/A.

Deliverables or Delivery Schedule

- The Storage Server is the primary deliverable. Documentation for operation and servicing of the system shall also be provided. The design shall be completed within 30 days of the initiation of the order. Activities specified above under "Scope", leading up to and including delivery, shall take place as soon as possible thereafter. Design, assembly, burn-in, and testing shall all be performed at the vendor site prior to delivery. Parts covered under warranty shall be shipped to the government site under a cross-ship agreement.

Government-Furnished Equipment and Government-Furnished Information

- N/A

Security

- No specific security measures are required for this acquisition.

Place of Performance

- Design, assembly, burn-in, and testing shall all be performed at the vendor site prior to delivery. Parts covered under warranty shall be shipped to the government site under a cross-ship agreement.

Period of Performance

- N/A